

FIG. 1

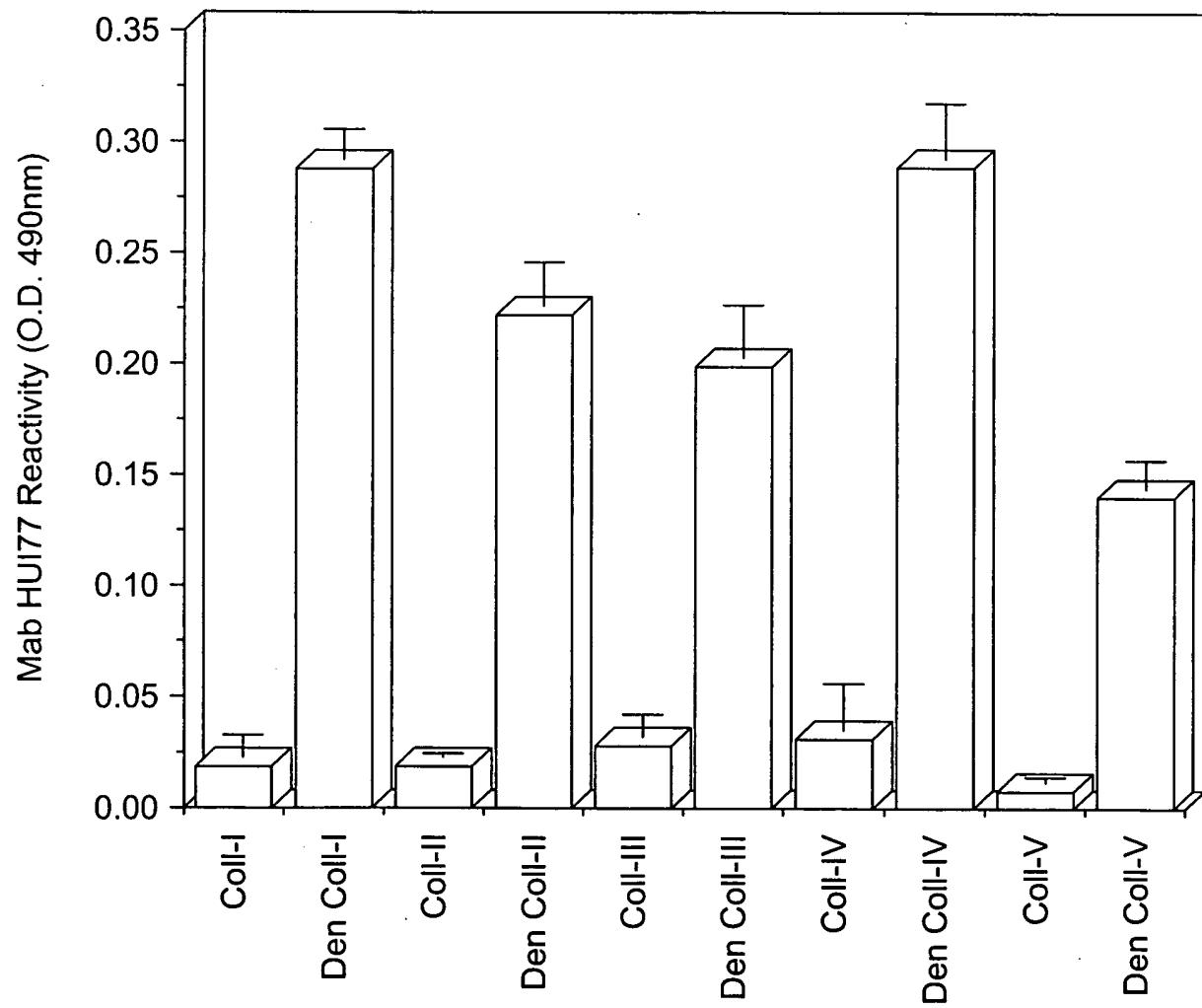
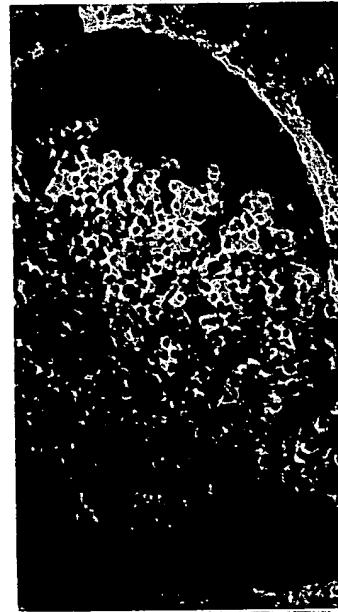
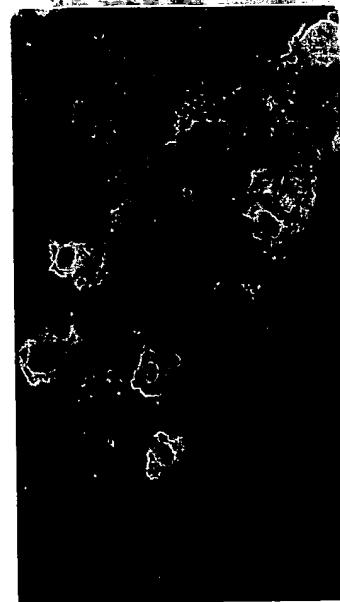


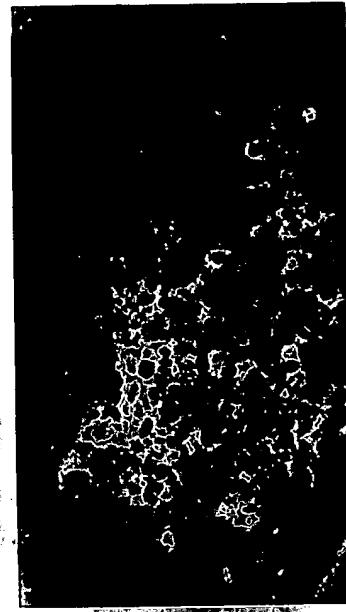
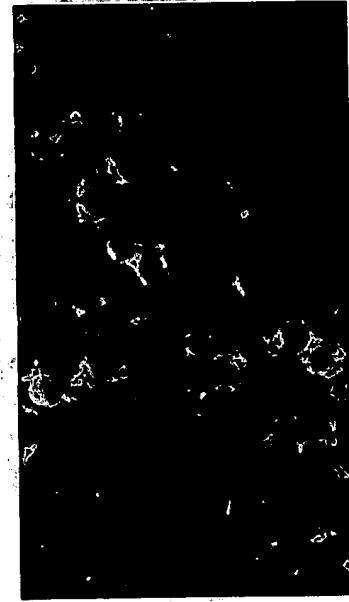
FIG. 2



**Human Melanoma  
(Biopsy)**



**Human Melanoma  
(Human / SCID Mouse Chimera)**



**FIG. 3**



## Human Melanoma Biopsy

Anti-Factor VIII  
(Polyclonal Ab)

Anti-Denatured Collagen  
(Monoclonal Ab HUI77)

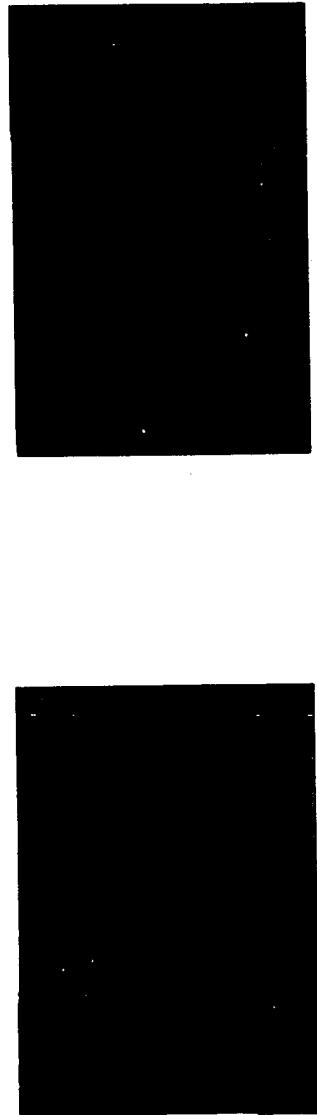


FIG. 4

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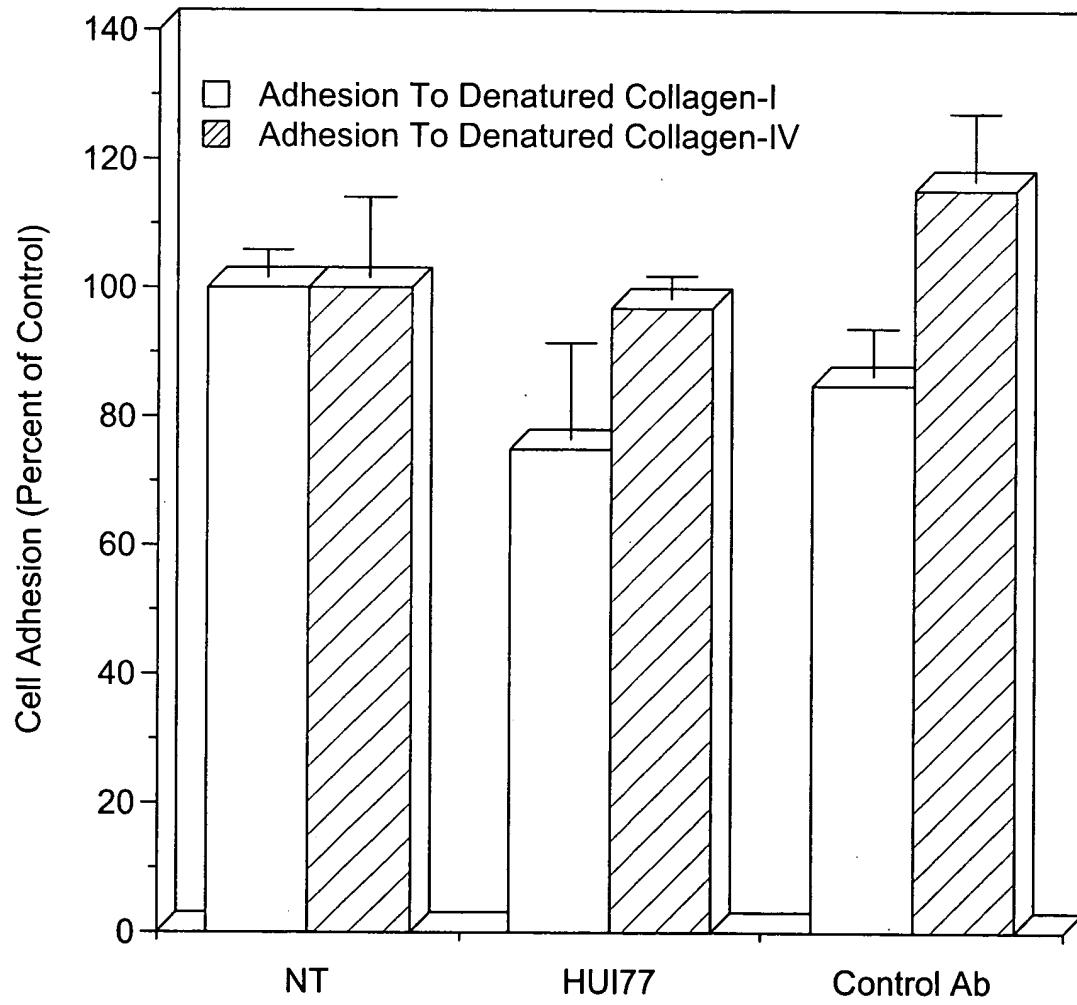
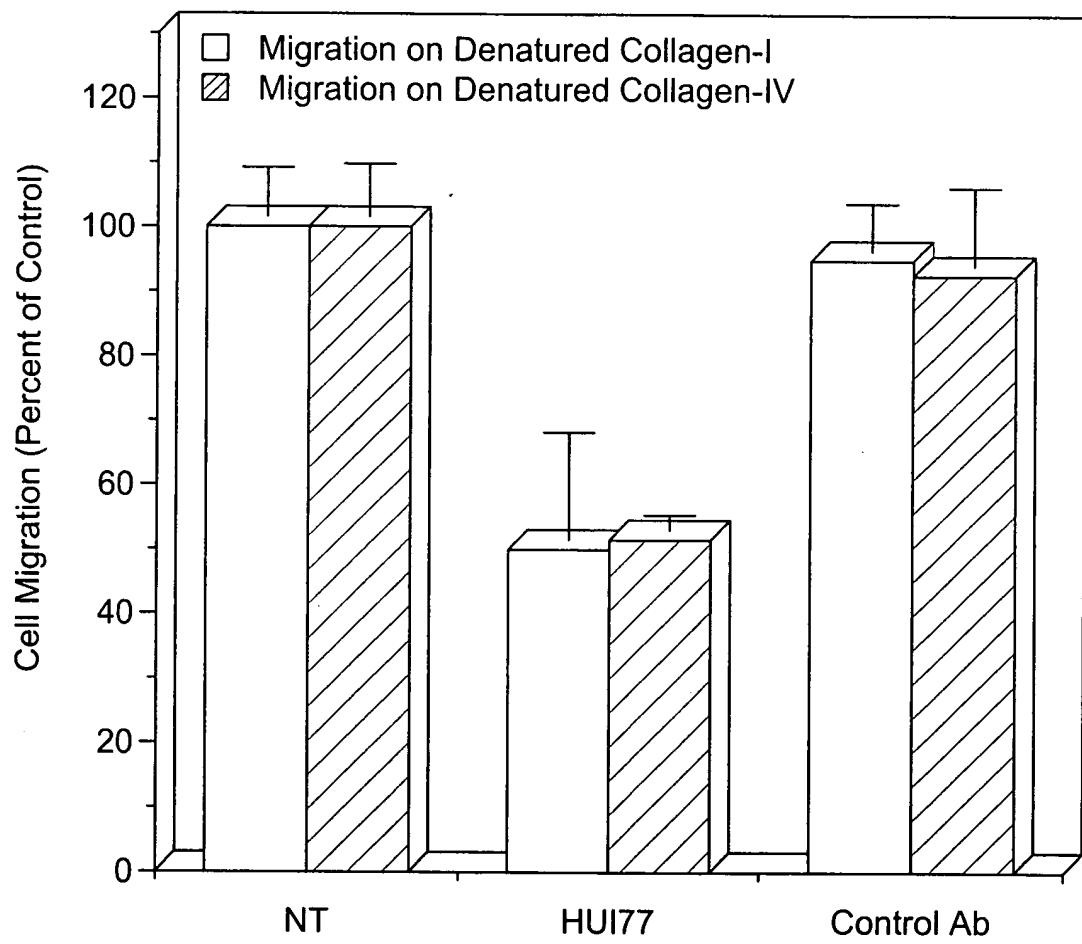


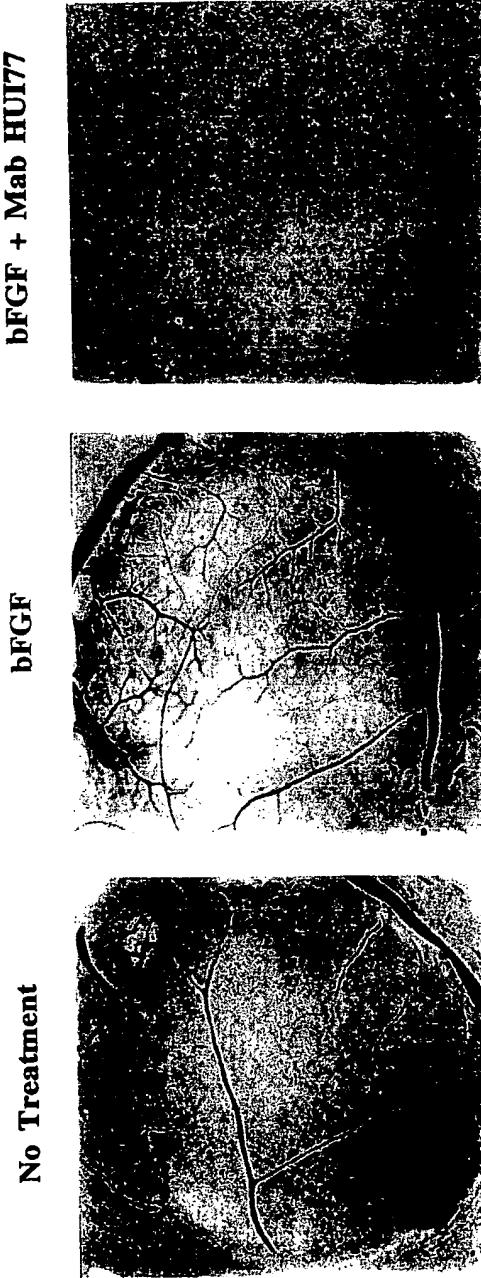
FIG. 5



*FIG. 6*

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Chick CAM Angiogenesis Assay

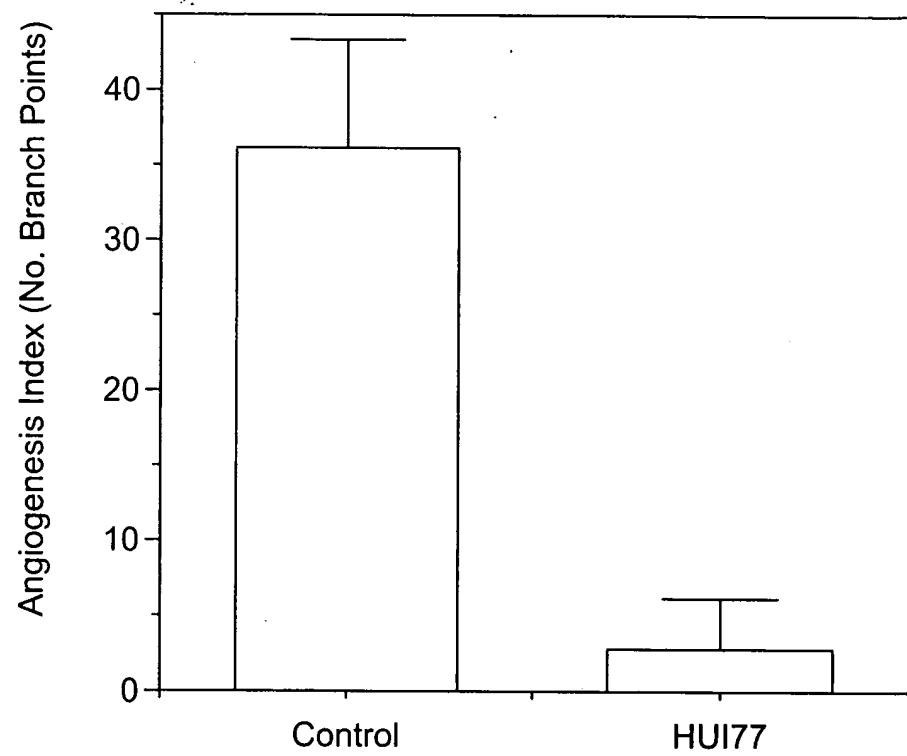


**Effects of Mab HU177 on Angiogenesis In Vivo.**  
Filter discs with or without 1.0 ug / ml of bFGF were place on the chorioallantoic membrane (CAM) of 10 day old chick embryos. Twenty four hours latter, the embryos received a single intravascular injection of Mab HU177 or control Mab. Embryos were allowed to incubate for a total of 3 days at which time they were sacrificed and the filter discs and surrounding CAM tissue was removed and analyzed. Photographs of representative CAM tissues.

FIG. 7

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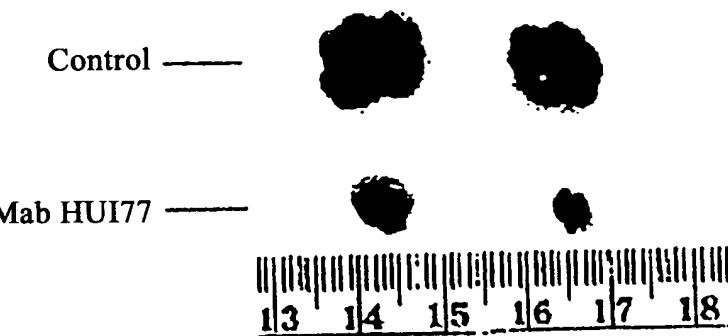
09100.0001  
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*FIG. 8*



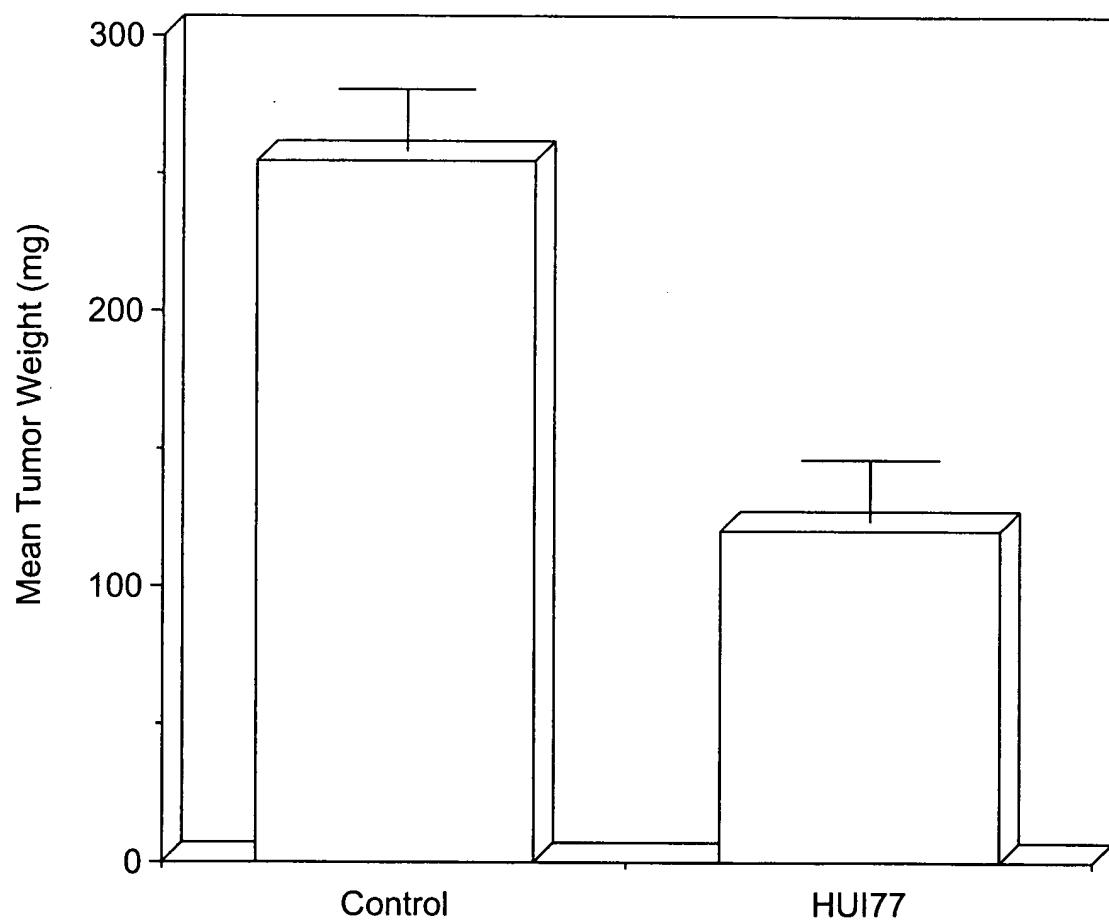
**CS-1 Melanoma Tumor Assay**



***FIG. 9***



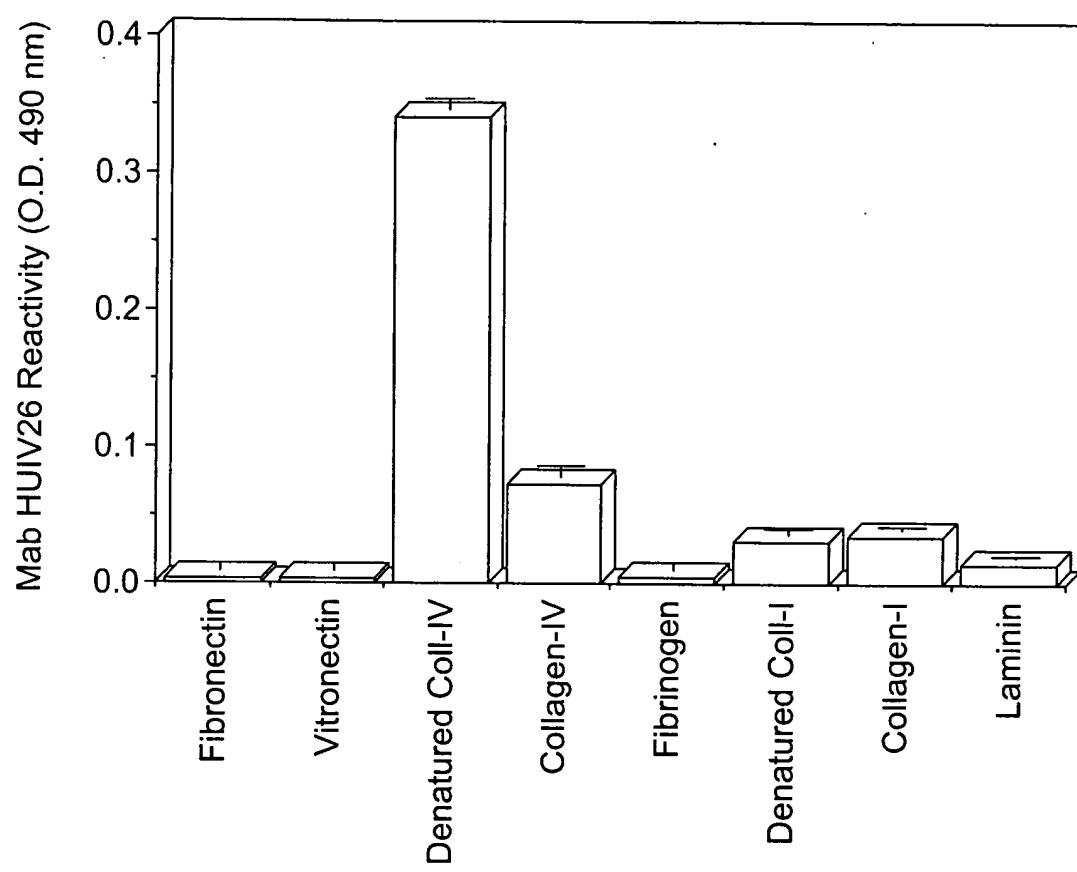
CS-1 Melanoma Tumor Growth



*FIG. 10*



A.



B.

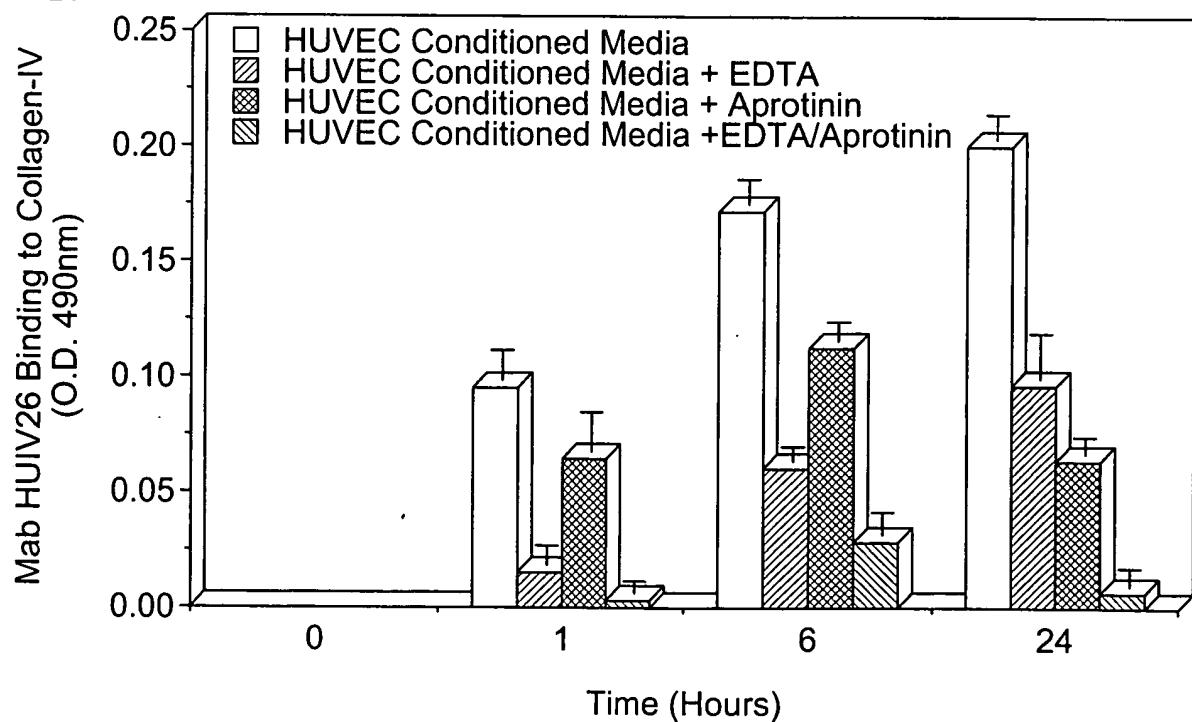
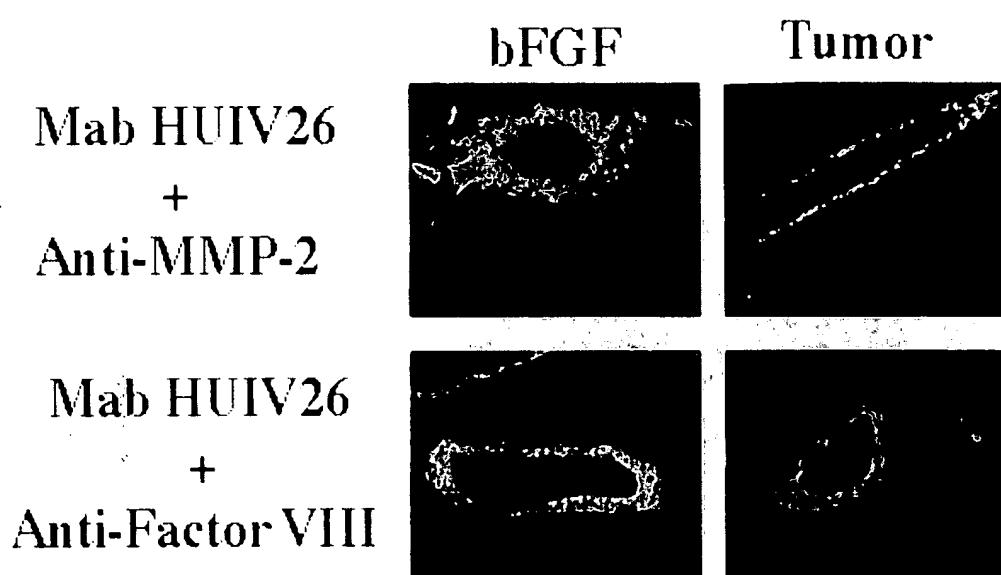


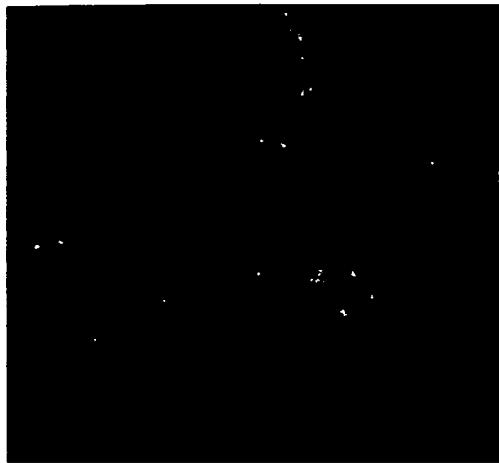
FIG. 11



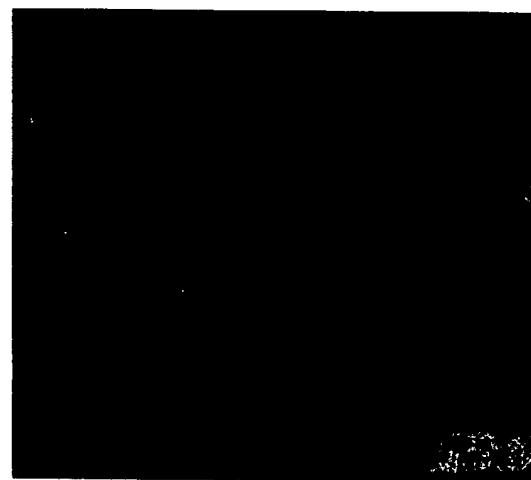
*FIG. 12*



**Anti-Factor VIII  
(Polyclonal Ab)**



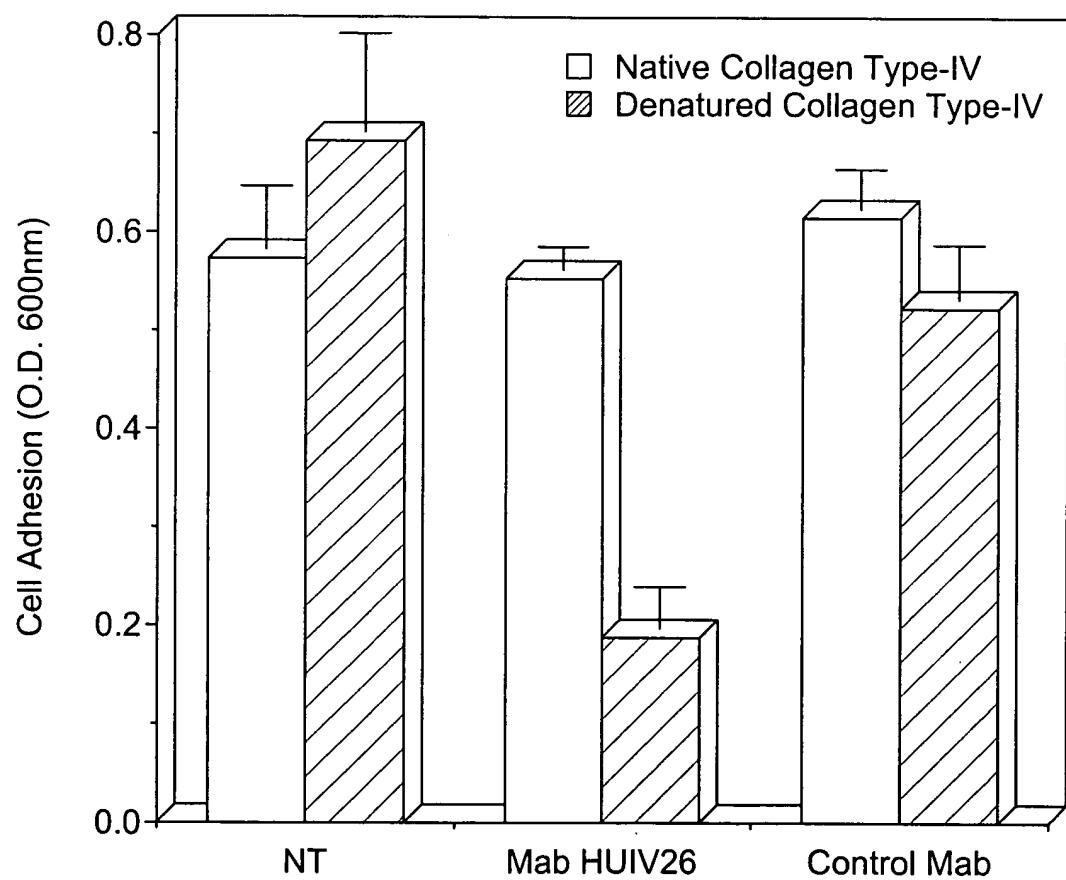
**Anti-Denatured Coll-IV  
(Mab HUIV26)**



**Co-Staining of Human Melanoma Biopsy  
(Anti-Factor VIII / Anti-Denatured Coll-IV)**



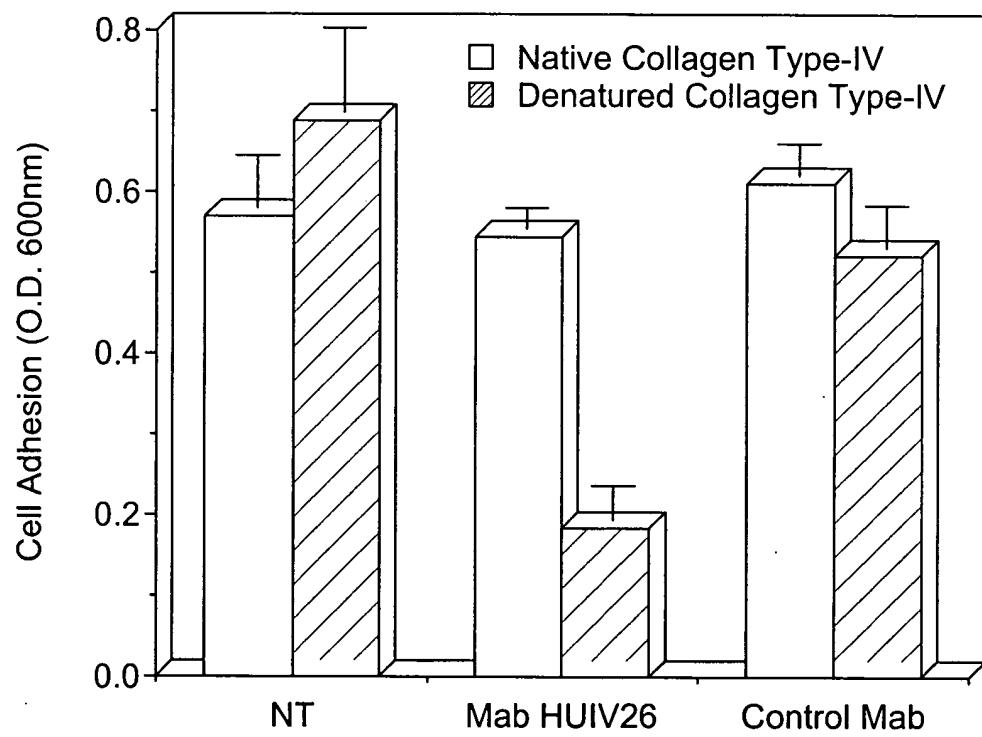
*FIG. 13*



*FIG. 14*

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114  
858

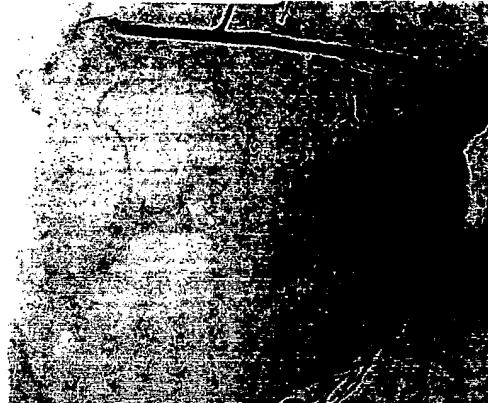


*FIG. 15*

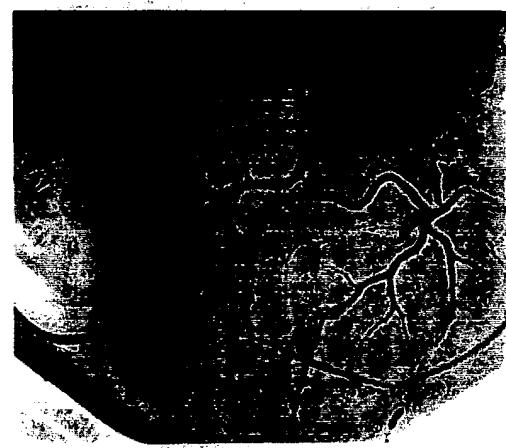
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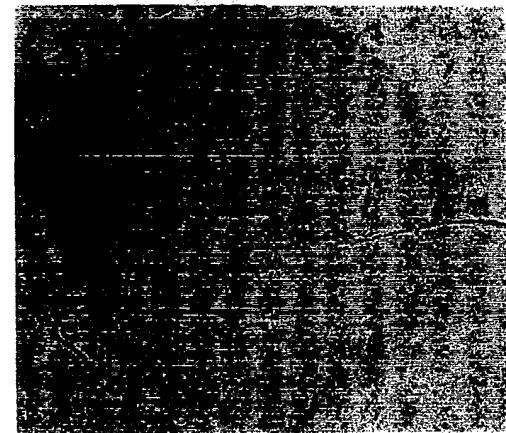
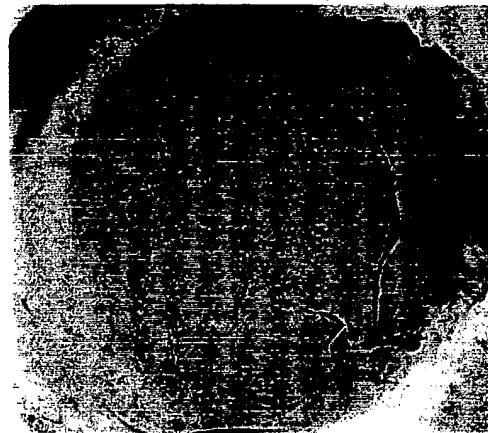
**N0 bFGF**



**bFGF**



**bFGF**  
+  
**HUIV26**



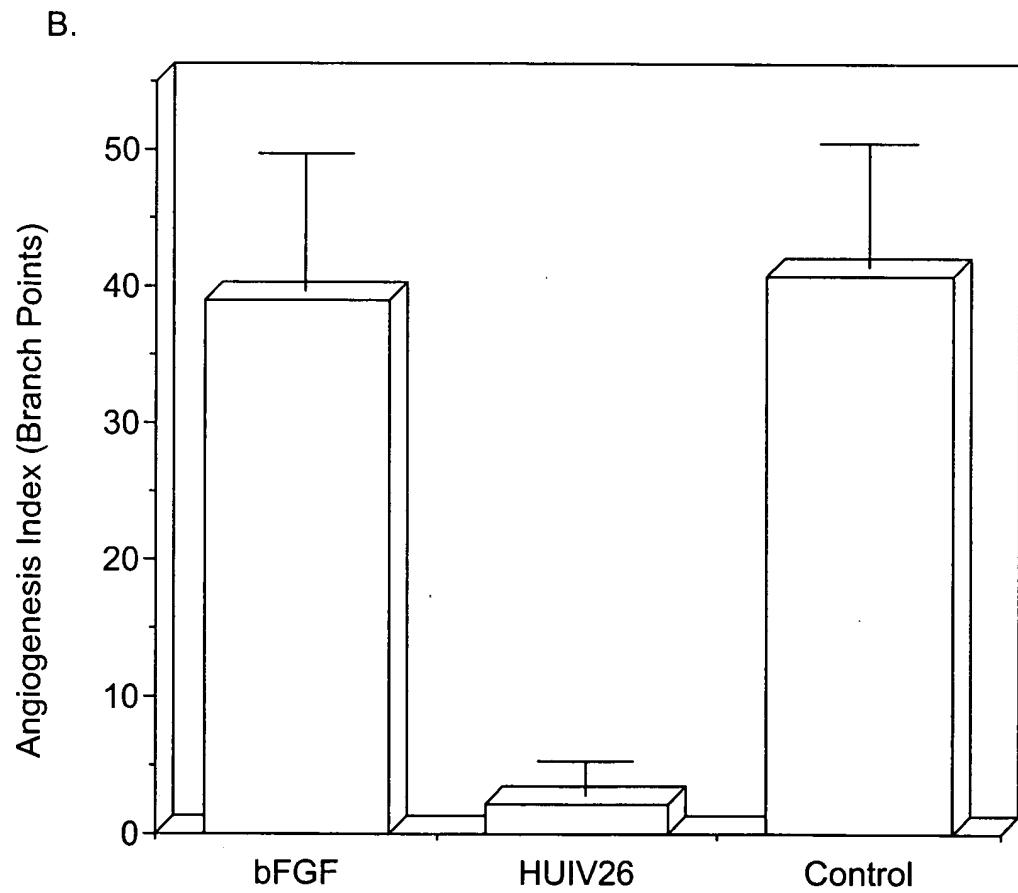
**bFGF**  
+  
**Control**



*FIG. 16*

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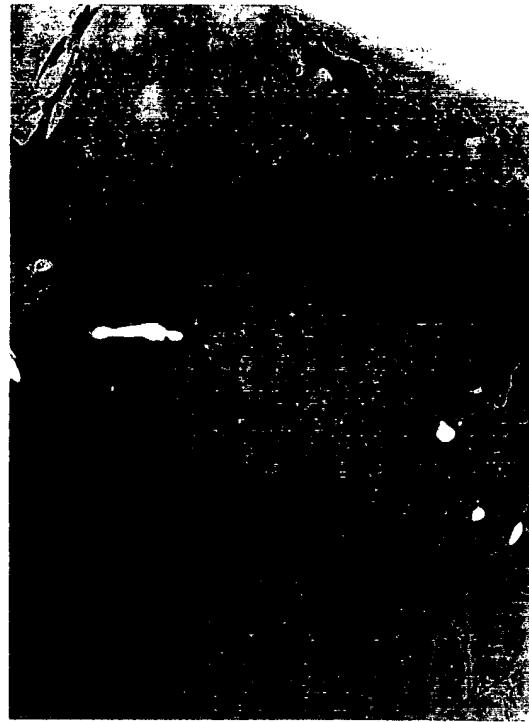
550



*FIG. 17*

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CS-1 Melanoma Tumor Growth In The Chick CAM



Control Mab



HUIV26 Mab

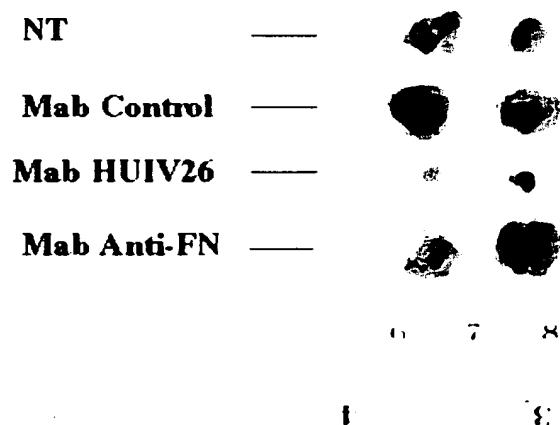


FIG. 18

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**CS1 Melanoma Tumor Growth**



**FIG. 19**

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B.

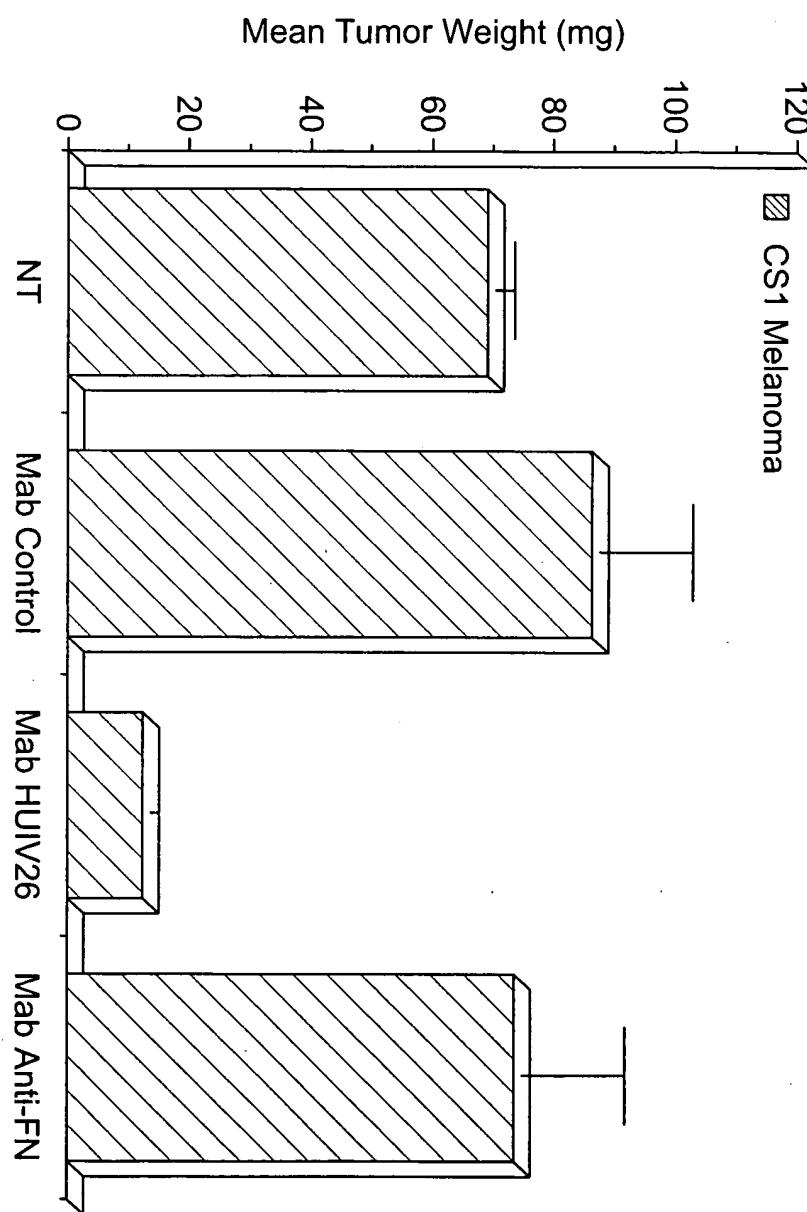


FIG. 20

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C.

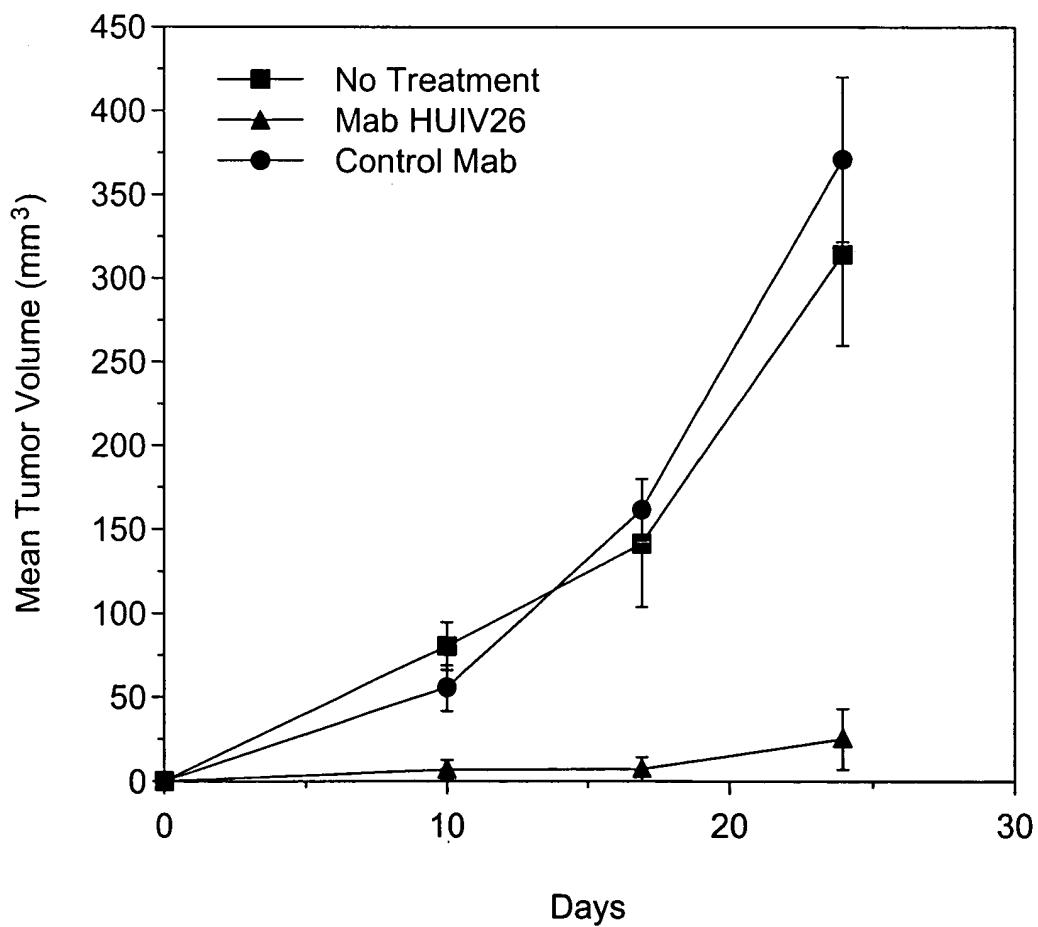


FIG. 21

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A.

Mab HUIV26 Reactivity (O.D. 490nm)

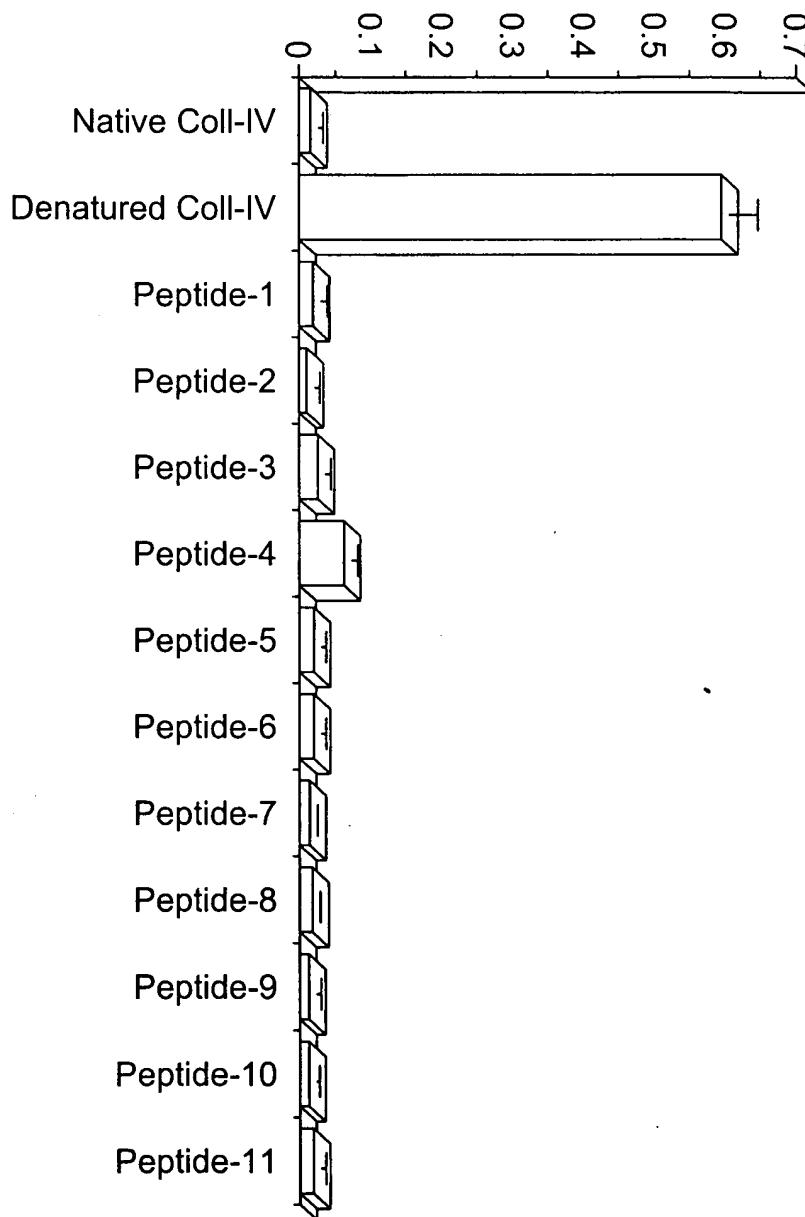


FIG. 22A

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B.

HUIV26 Reactivity (O.D. 490nm)

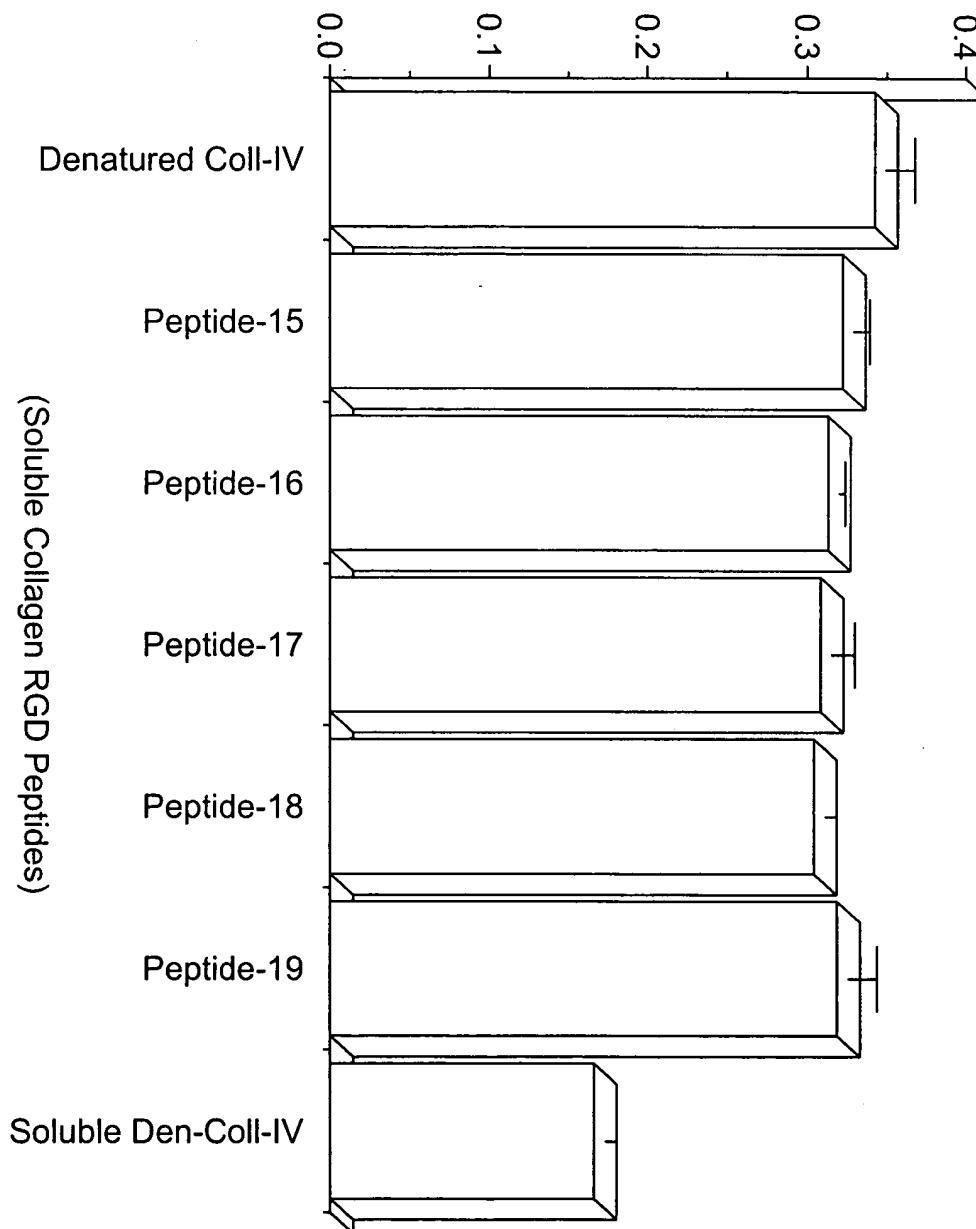


FIG. 22B



## HUVEC Cord Formation

**Native Collagen**  
**Heat Denatured Collagen**

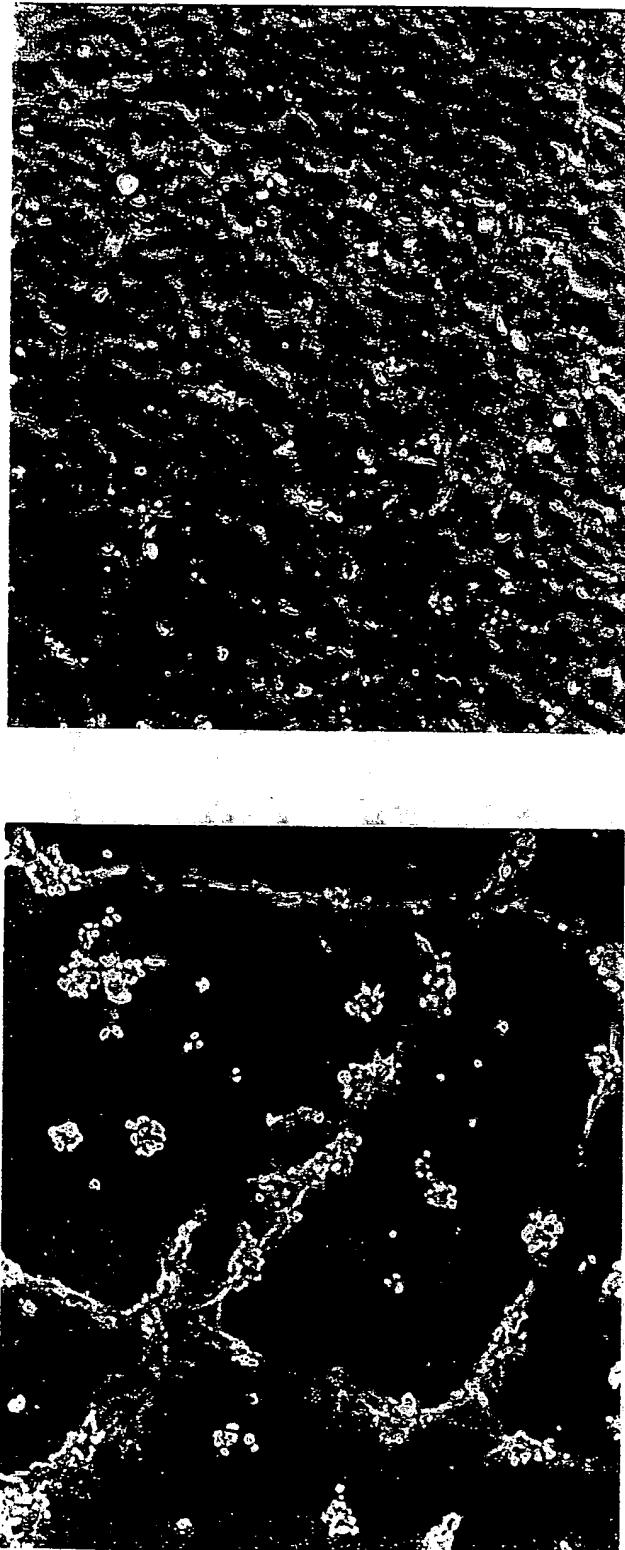
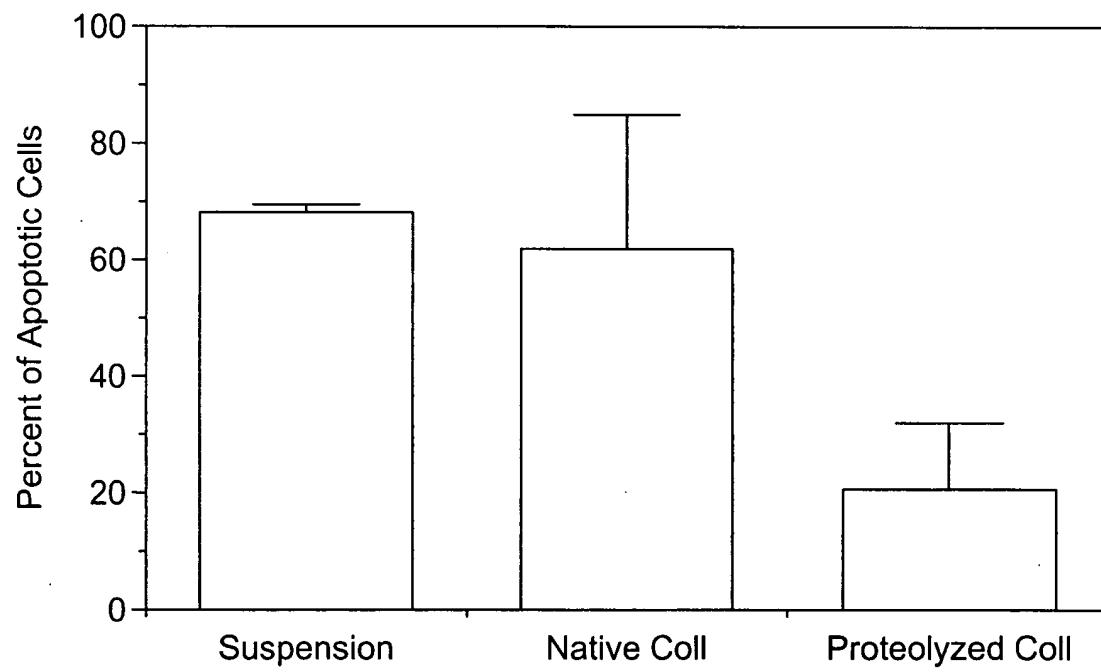


FIG. 23

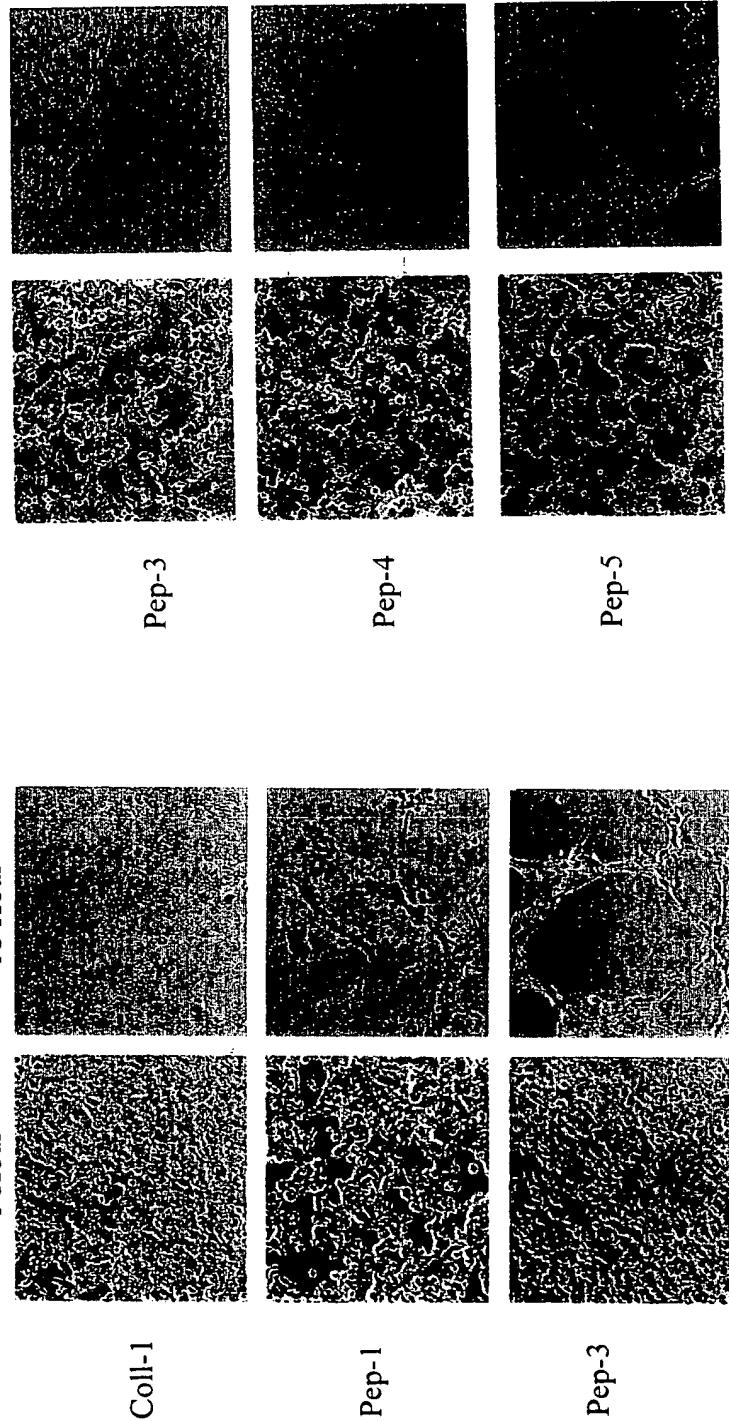


*FIG. 24*



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Human Endothelial Cord Formation Assay



**Effects of Cryptic Collagen Domains on Endothelial Cord Formation**  
Flexible millipore membranes were coated with either native collagen-I (Coll-I) or collagen Peptides 1 through 5. Human endothelial cells were allowed to attach to the coated membranes for either 1 or 18 hours. Representative photographs of cord formation.

FIG. 25

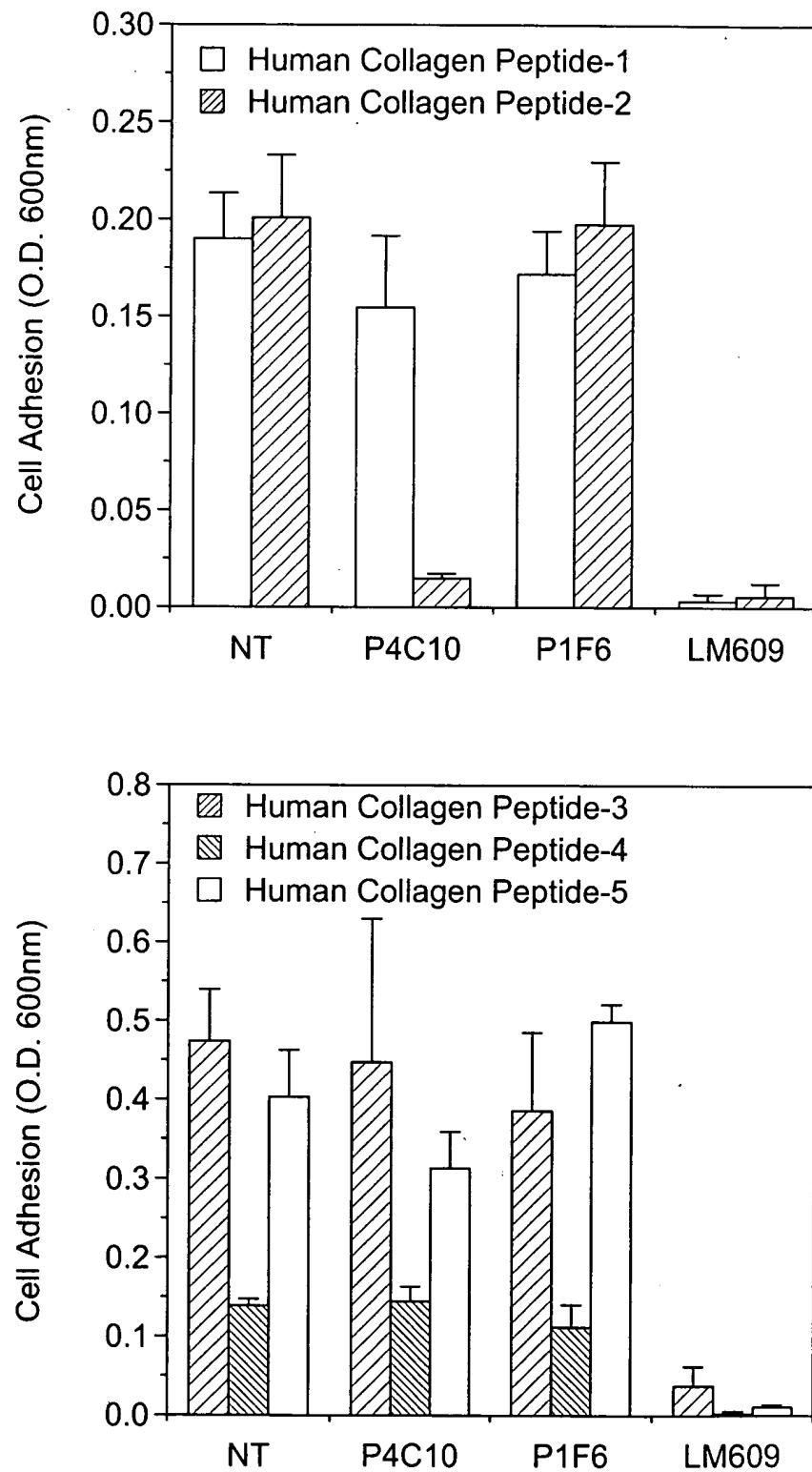
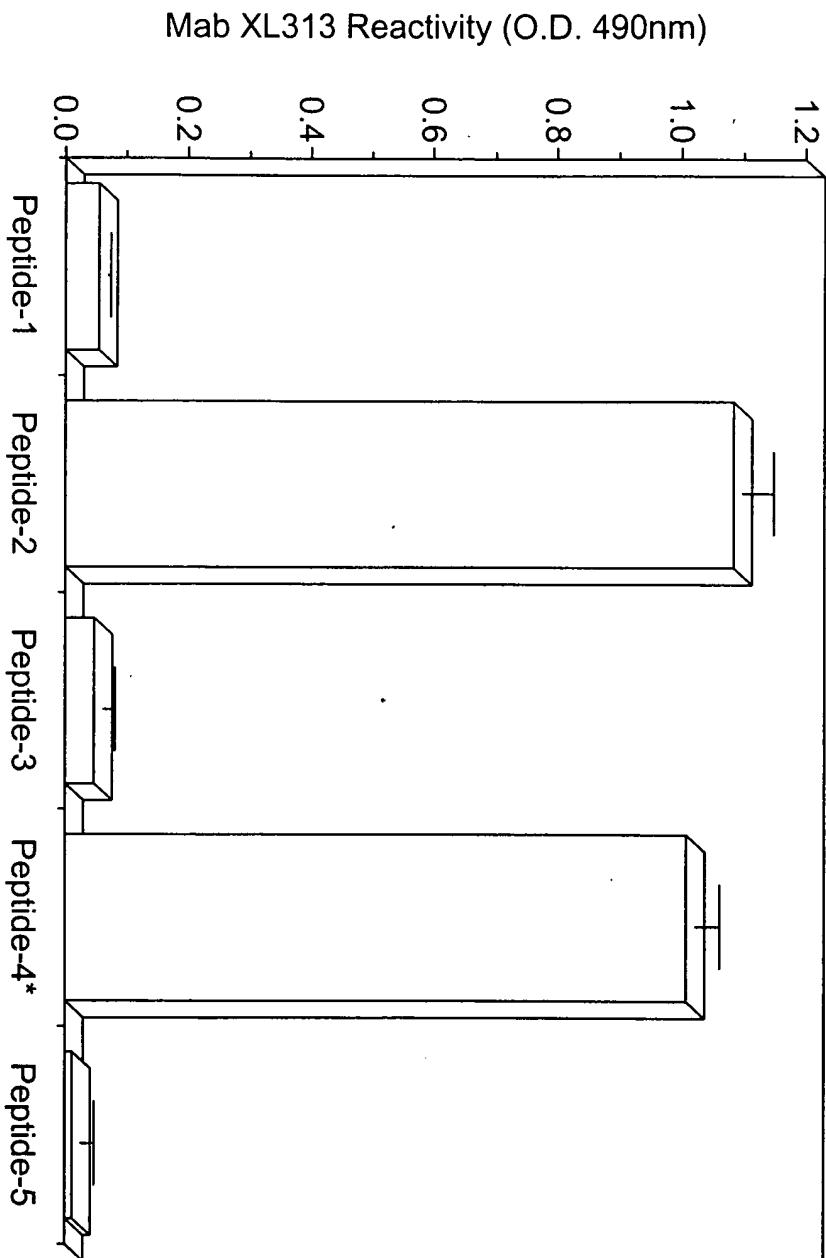


FIG. 26

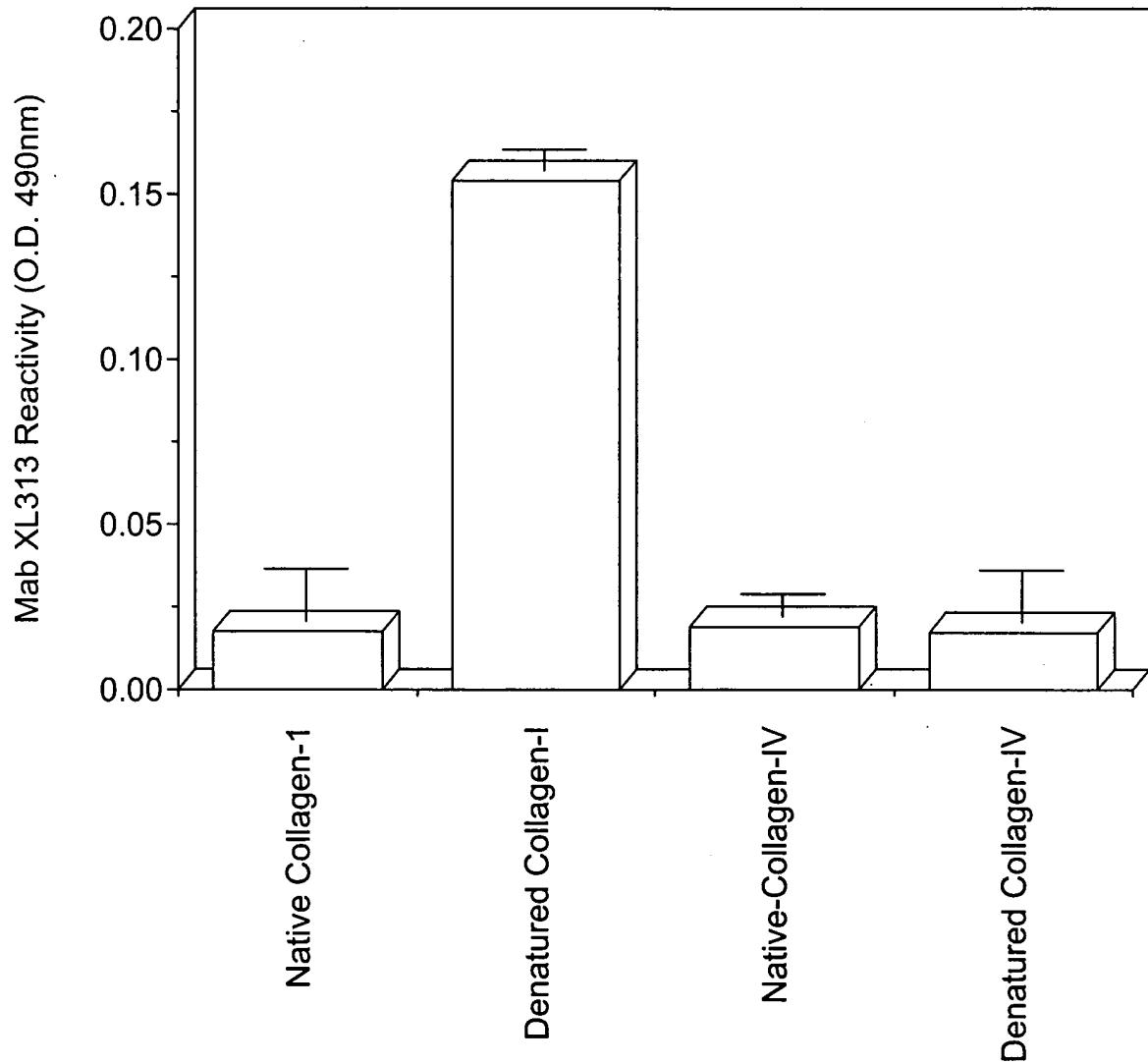
Mab XL313 Reactivity to Human Collagen-I Peptides



\* Peptide-4 not present in mature collagen-I

FIG. 27





*FIG. 28*



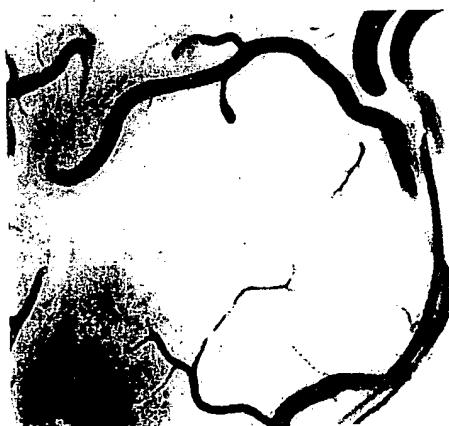
## bFGF Induced Angiogenesis in the Chick CAM

**bFGF**



**bFGF + Mab XL313**

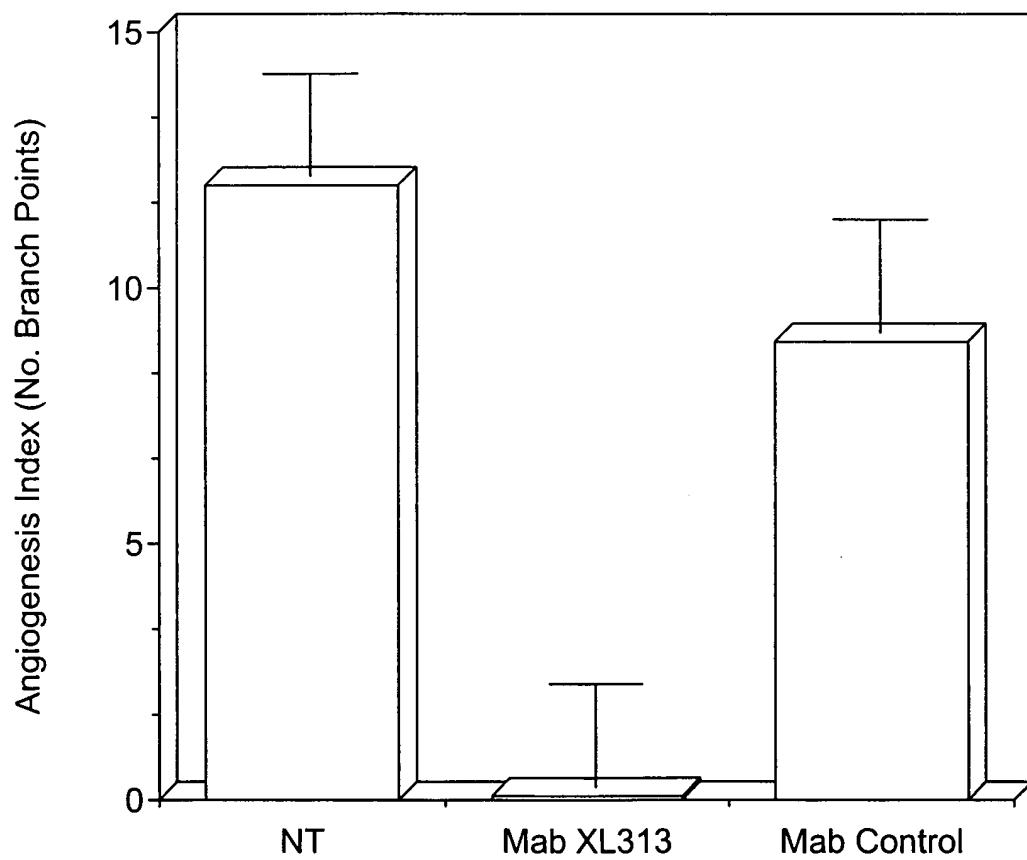
**bFGF + Mab Control**



*FIG. 29*



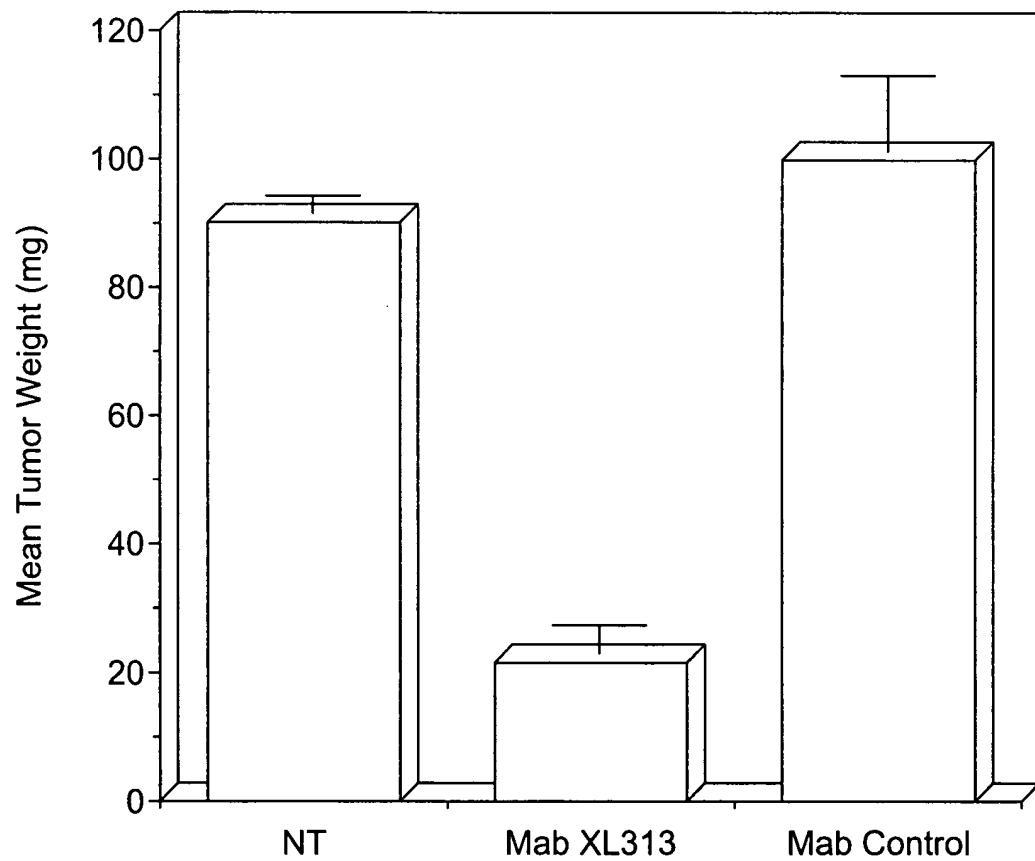
### Chick CAM Angiogenesis Assay



*FIG. 30*



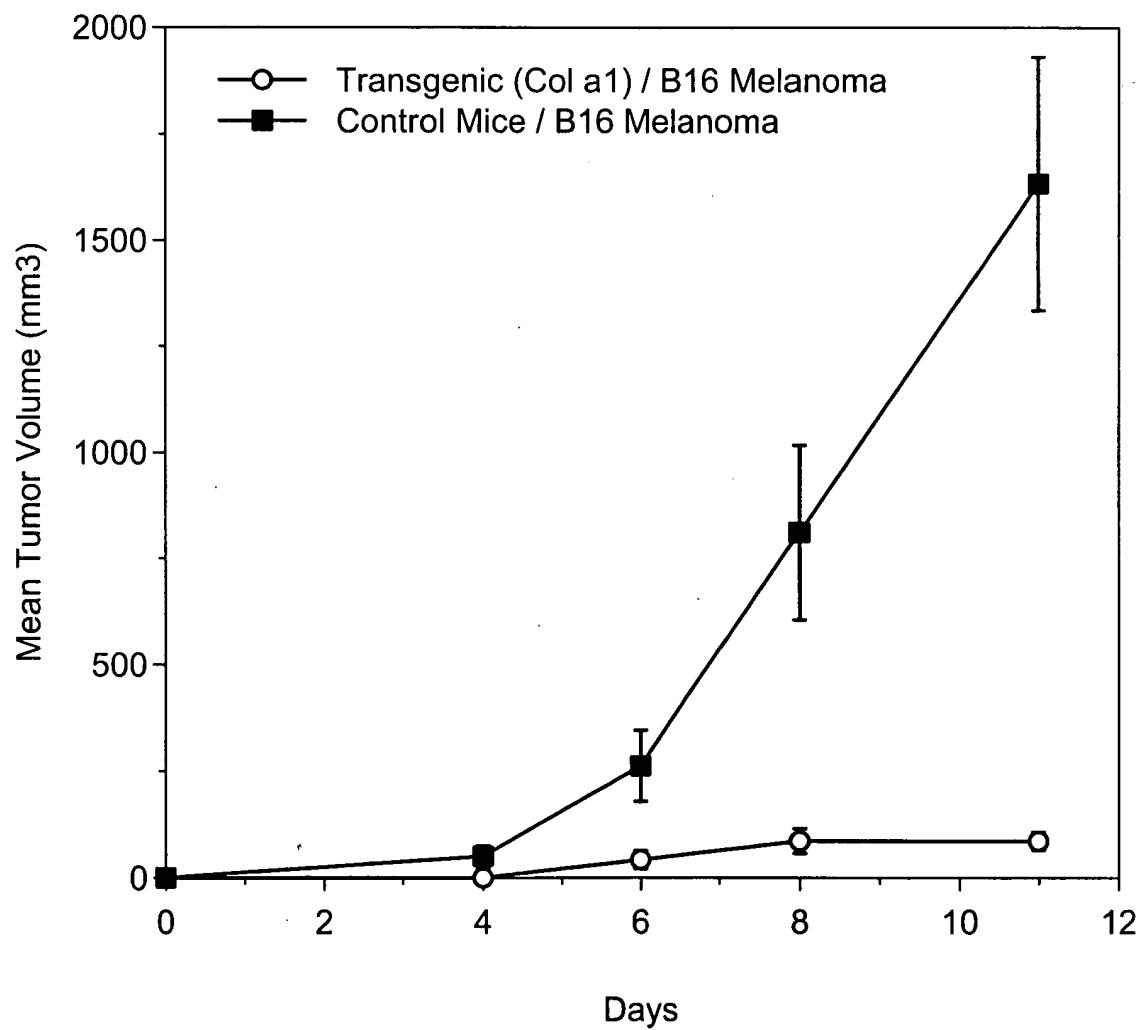
### HT1080 Human Fibrosarcoma Tumor Growth



*FIG. 31*



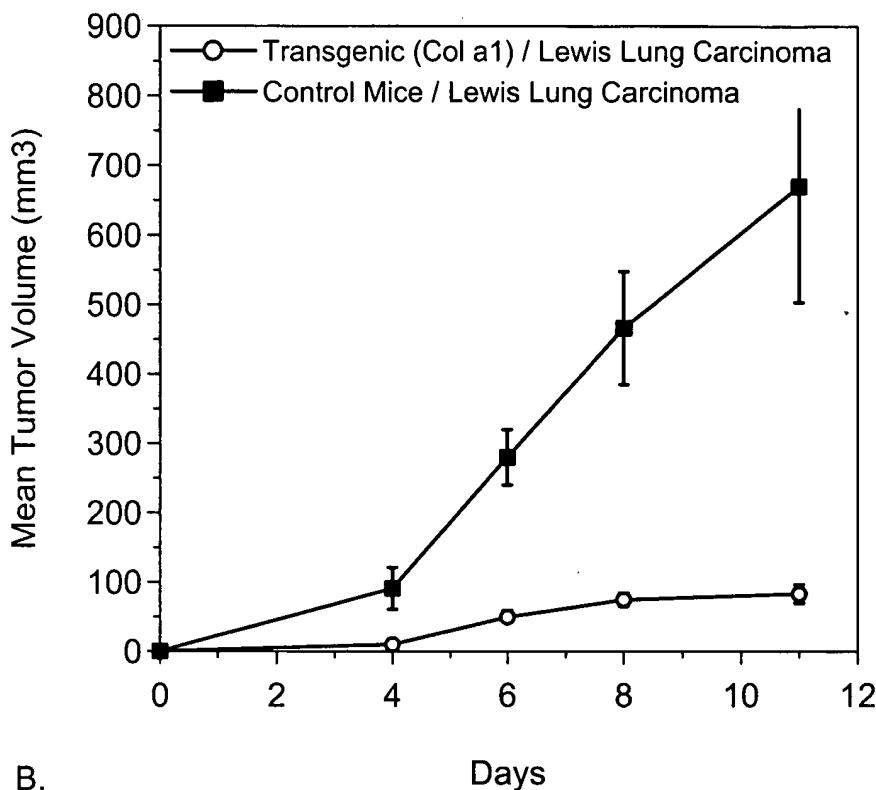
B.



*FIG. 32*



A.



B.

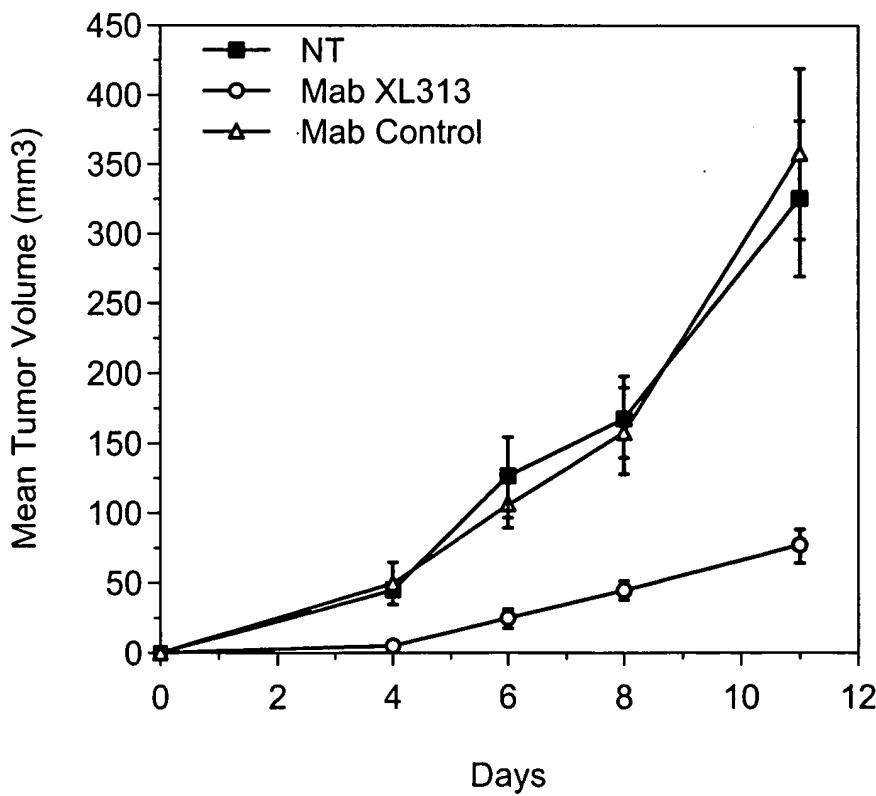


FIG. 33

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